Bruhat Bengaluru Mahanagara Palike

PROJECT DIVISION-YALAHANKA

Name of Agency :-M/s KRIDL

BBMP/Yes:- 1st and Final Bill

Name Of work :- Improvements to roads and drains at Kodigehalli village from 1st to 3rd cross and other roads in ward No.08, Kodigehalli

Sl No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date		17/12/2018, 19/12/2018 & 25/1/2019							
	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No.27, Item No.5.33 of PW, P&IWTD SR 2018-19)									
	New Drain									
	1st Main Road									
	LHS									
0.00	3.60		1	1.20			0.75		0.90	
3.60	33.60		1	24.00			0.75		18.00	
33.60	38.10		1	1.00			0.75		0.75	
43.60	63.60		1	12.20			0.75		9.15	
63.60	93.60		1	12.00			0.75		9.00	
93.60	110.00		1	7.40			0.75		5.55	
	RHS									
0.00	3.60		1	1.20			0.75		0.90	
3.60	33.60		1	15.00			0.75		11.25	
33.60	38.10		1	1.50			0.75		1.13	
38.10	43.60		1	2.00			0.75		1.50	
43.60	63.60		1	10.00			0.75		7.50	
63.60	93.60		1	22.00			0.75		16.50	
93.60	110.00		1	10.40			0.75		7.80	
	3rd Cross Road									
	LHS									
0.00	26.00		1	11.00			0.90		9.90	
26.00	32.10		1	1.60			0.90		1.44	
32.10	58.20		1	8.10			0.90		7.29	
64.50	91.00		1	3.70			0.90		3.33	
	RHS									
0.00	26.00		1	6.00			0.75		4.50	
32.10	58.20		1	12.90			0.75		9.68	
64.50	91.00		1	20.50			0.75		15.38	
	2nd Cross Road RHS									
	LHS									
0.00	30.00		1	15.60			0.90		14.04	
30.00	35.50		1	3.70			0.90		3.33	
41.40	67.40		1	16.00			0.90		14.40	
	RHS									
0.00	30.00		1	10.20			0.90		9.18	
30.00	35.50		1	0.70			0.90		0.63	
41.40	67.40		1	9.20			0.90		8.28	
	2nd Cross Road LHS									
	RHS									
0.00	30.00		1	16.00			0.90		14.40	
30.00	60.00		1	15.00			0.90		13.50	
60.00	65.00		1	3.80			0.90		3.42	
	LHS									

Assistant Engineer

Assistant Executive Engineer

25/1/2019

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date										
	0.00	30.00		1	25.00			0.90		22.50	
	30.00	60.00		1	23.40			0.90		21.06	
	60.00	65.00		1	3.15			0.90		2.84	
									Total	269.01	Sqm
									Approved BOQ Qty	253.87	Sqm
									Reserved Qty	15.14	Sqm
									Payable Qty	253.87	Sqm

Assistant Engineer

Assistant Executive Engineer

25/1/2019

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date		19/12/2018 & 21/12/2018								
2	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	New Drain										
	1st Main Road										
	LHS										
	0.00	3.60		1	3.60			0.95	0.85	2.91	
	3.60	33.60		1	30.00			0.95	0.85	24.23	
	33.60	38.10		1	4.50			0.95	0.85	3.63	
	43.60	63.60		1	20.00			0.95	0.85	16.15	
	63.60	93.60		1	30.00			0.95	0.85	24.23	
	93.60	110.00		1	16.40			0.95	0.85	13.24	
	RHS										
	0.00	3.60		1	3.60			0.95	0.85	2.91	
	3.60	33.60		1	30.00			0.95	0.85	24.23	
	33.60	38.10		1	4.50			0.95	0.85	3.63	
	38.10	43.60		1	5.50			0.95	0.85	4.44	
	43.60	63.60		1	20.00			0.95	0.85	16.15	
	63.60	93.60		1	30.00			0.95	0.85	24.23	
	93.60	110.00		1	16.40			0.95	0.85	13.24	
	3rd Cross Road										
	LHS										
	0.00	26.00		1	26.00			1.10	0.85	24.31	
	26.00	32.10		1	6.10			1.10	0.85	5.70	
	32.10	58.20		1	26.10			1.10	0.85	24.40	
	64.50	91.00		1	26.50			1.10	0.85	24.78	
	RHS										
	0.00	26.00		1	26.00			0.95	0.85	21.00	
	32.10	58.20		1	26.10			0.95	0.85	21.08	
	64.50	91.00		1	26.50			0.95	0.85	21.40	
	2nd Cross Road RHS										
	LHS										
	0.00	30.00		1	30.00			1.10	0.85	28.05	
	30.00	35.50		1	5.50			1.10	0.85	5.14	
	41.40	67.40		1	26.00			1.10	0.85	24.31	
	RHS										
	0.00	30.00		1	30.00			1.10	0.85	28.05	
	30.00	35.50		1	5.50			1.10	0.85	5.14	
	41.40	67.40		1	26.00			1.10	0.85	24.31	
	2nd Cross Road LHS										
	RHS										
	0.00	30.00		1	30.00			1.10	0.85	28.05	
	30.00	60.00		1	30.00			1.10	0.85	28.05	
	60.00	65.00		1	5.00			1.10	0.85	4.68	
	65.00	95.70		1	30.70			1.10	0.85	28.70	
	LHS										
	0.00	30.00		1	30.00			1.10	0.85	28.05	

Assistant Engineer 21/12/2018.

Assistant Executive Engineer

21/12/2018

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date										
	30.00	60.00		1	30.00			1.10	0.85	28.05	
	60.00	65.00		1	5.00			1.10	0.85	4.68	
	Across Road			1	5.00			1.10	0.85	4.68	
	Cross Road/Culverts										
	3rd Cross Road										
	LHS										
	58.20	64.50		1	6.80			2.00	0.75	10.20	
	2nd Cross Road RHS										
	LHS										
	35.50	41.40		1	5.90			0.60	0.45	1.59	
	RHS										
	35.50	41.40		1	5.90			0.60	0.45	1.59	
								Total		**599.19**	**cum**

KMS CONSULTANTS Consultant

Assistant Engineer 21/12/2018

Assistant Executive Engineer 21/12/2018

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date		24/12/2018 & 27/12/2018.								
3	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work									
	New Drain										
	1st Main Road										
	LHS										
	0.00	3.60		1	3.60			0.95	0.12	0.41	
	3.60	33.60		1	30.00			0.95	0.12	3.42	
	33.60	38.10		1	4.50			0.95	0.12	0.51	
	43.60	63.60		1	20.00			0.95	0.12	2.28	
	63.60	93.60		1	30.00			0.95	0.12	3.42	
	93.60	110.00		1	16.40			0.95	0.12	1.87	
	RHS										
	0.00	3.60		1	3.60			0.95	0.12	0.41	
	3.60	33.60		1	30.00			0.95	0.12	3.42	
	33.60	38.10		1	4.50			0.95	0.12	0.51	
	38.10	43.60		1	5.50			0.95	0.12	0.63	
	43.60	63.60		1	20.00			0.95	0.12	2.28	
	63.60	93.60		1	30.00			0.95	0.12	3.42	
	93.60	110.00		1	16.40			0.95	0.12	1.87	
	3rd Cross Road										
	LHS										
	0.00	26.00		1	26.00			1.10	0.12	3.43	
	26.00	32.10		1	6.10			1.10	0.12	0.81	
	32.10	58.20		1	26.10			1.10	0.12	3.45	
	64.50	91.00		1	26.50			1.10	0.12	3.50	
	RHS										
	0.00	26.00		1	26.00			0.95	0.12	2.96	
	32.10	58.20		1	26.10			0.95	0.12	2.98	
	64.50	91.00		1	26.50			0.95	0.12	3.02	
	2nd Cross Road RHS										
	LHS										
	0.00	30.00		1	30.00			1.10	0.10	3.30	
	30.00	35.50		1	5.50			1.10	0.10	0.61	
	41.40	67.40		1	26.00			1.10	0.10	2.86	
	RHS										
	0.00	30.00		1	30.00			1.10	0.10	3.30	
	30.00	35.50		1	5.50			1.10	0.10	0.61	
	41.40	67.40		1	26.00			1.10	0.10	2.86	

Consultant

Assistant Engineer 27/12/18.

Assistant Executive Engineer
27/12/2018

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date										
	2nd Cross Road LHS										
	RHS										
	0.00	30.00		1	30.00			1.10	0.10	3.30	
	30.00	60.00		1	30.00			1.10	0.10	3.30	
	60.00	65.00		1	5.00			1.10	0.10	0.55	
	65.00	95.70		1	30.70			1.10	0.10	3.38	
	LHS										
	0.00	30.00		1	30.00			1.10	0.10	3.30	
	30.00	60.00		1	30.00			1.10	0.10	3.30	
	60.00	65.00		1	5.00			1.10	0.10	0.55	
	Across Road			1	5.00			1.10	0.10	0.55	
	Cross Road/Culverts										
	3rd Cross Road										
	LHS										
	58.20	64.50		1.00	6.80			2.00	0.15	2.04	
								Total		78.39	cum

Assistant Engineer 27/12/18

Assistant Executive Engineer

27/12/2018

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date		01/01/2019.								
4	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	New Drain										
	1st Main Road										
	LHS										
	0.00	3.60		2	3.60				0.15	1.08	
	3.60	33.60		2	30.00				0.15	9.00	
	33.60	38.10		2	4.50				0.15	1.35	
	43.60	63.60		2	20.00				0.15	6.00	
	63.60	93.60		2	30.00				0.15	9.00	
	93.60	110.00		2	16.40				0.15	4.92	
	RHS										
	0.00	3.60		2	3.60				0.15	1.08	
	3.60	33.60		2	30.00				0.15	9.00	
	33.60	38.10		2	4.50				0.15	1.35	
	38.10	43.60		2	5.50				0.15	1.65	
	43.60	63.60		2	20.00				0.15	6.00	
	63.60	93.60		2	30.00				0.15	9.00	
	93.60	110.00		2	16.40				0.15	4.92	
	3rd Cross Road										
	LHS										
	0.00	26.00		2	26.00				0.15	7.80	
	26.00	32.10		2	6.10				0.15	1.83	
	32.10	58.20		2	26.10				0.15	7.83	
	64.50	91.00		2	26.50				0.15	7.95	
	RHS										
	0.00	26.00		2	26.00				0.15	7.80	
	32.10	58.20		2	26.10				0.15	7.83	
	64.50	91.00		2	26.50				0.15	7.95	
	2nd Cross Road RHS										
	LHS										
	0.00	30.00		2	30.00				0.15	9.00	
	30.00	35.50		2	5.50				0.15	1.65	
	41.40	67.40		2	26.00				0.15	7.80	
	RHS			2	0.00				0.15	0.00	
	0.00	30.00		2	30.00				0.15	9.00	
	30.00	35.50		2	5.50				0.15	1.65	
	41.40	67.40		2	26.00				0.15	7.80	
	2nd Cross Road LHS										
	RHS										
	0.00	30.00		2	30.00				0.15	9.00	
	30.00	60.00		2	30.00				0.15	9.00	
	60.00	65.00		2	5.00				0.15	1.50	
	65.00	95.70		2	30.70				0.15	9.21	
	LHS										
	0.00	30.00		2	30.00				0.15	9.00	
	30.00	60.00		2	30.00				0.15	9.00	

Assistant Engineer 01/01/2019.

Assistant Executive Engineer 1/1/2019

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date										
	60.00	65.00		2	5.00				0.15	1.50	
	Across Road			2	5.00				0.15	1.50	
								Total		**199.95**	**Sqm**

Consultant

Assistant Engineer 01/01/2019.

Assistant Executive Engineer

01/01/2019

Measurements

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date	04/01/2019.								
5	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work									
	New Drain									
	1st Main Road									
	LHS									
0.00	3.60		4	3.60				0.60	8.64	
3.60	33.60		4	30.00				0.60	72.00	
33.60	38.10		4	4.50				0.60	10.80	
43.60	63.60		4	20.00				0.60	48.00	
63.60	93.60		4	30.00				0.60	72.00	
93.60	110.00		4	16.40				0.60	39.36	
	RHS									
0.00	3.60		4	3.60				0.60	8.64	
3.60	33.60		4	30.00				0.60	72.00	
33.60	38.10		4	4.50				0.60	10.80	
38.10	43.60		4	5.50				0.60	13.20	
43.60	63.60		4	20.00				0.60	48.00	
63.60	93.60		4	30.00				0.60	72.00	
93.60	110.00		4	16.40				0.60	39.36	
	3rd Cross Road									
	LHS									
0.00	26.00		4	26.00				0.60	62.40	
26.00	32.10		4	6.10				0.60	14.64	
32.10	58.20		4	26.10				0.60	62.64	
64.50	91.00		4	26.50				0.60	63.60	
	RHS									
0.00	26.00		4	26.00				0.60	62.40	
32.10	58.20		4	26.10				0.60	62.64	
64.50	91.00		4	26.50				0.60	63.60	
	2nd Cross Road RHS									
	LHS									
0.00	30.00		4	30.00				0.60	72.00	
30.00	35.50		4	5.50				0.60	13.20	
41.40	67.40		4	26.00				0.60	62.40	
	RHS									
0.00	30.00		4	30.00				0.60	72.00	
30.00	35.50		4	5.50				0.60	13.20	
41.40	67.40		4	26.00				0.60	62.40	
	2nd Cross Road LHS									
	RHS									
0.00	30.00		4	30.00				0.60	72.00	
30.00	60.00		4	30.00				0.60	72.00	
60.00	65.00		4	5.00				0.60	12.00	
65.00	95.70		4	30.70				0.60	73.68	
	LHS									
0.00	30.00		4	30.00				0.60	72.00	
30.00	60.00		4	30.00				0.60	72.00	

CONSULTANTS

Assistant Engineer 4/1/19.

Assistant Executive Engineer

4/1/2019

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date										
	60.00	65.00		4	5.00				0.60	12.00	
	Across Road			4	5.00				0.60	12.00	
								Total		**1599.60**	**sqm**

Assistant Engineer 4/1/19.

Assistant Executive Engineer
4/1/2019

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date	2/1/2019. & 4/01/2019.								
6	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6									
	RAFT									
	New Drain									
	1st Main Road									
	LHS									
	0.00	3.60		1	3.60			0.85	0.15	0.46
	3.60	33.60		1	30.00			0.85	0.15	3.83
	33.60	38.10		1	4.50			0.85	0.15	0.57
	43.60	63.60		1	20.00			0.85	0.15	2.55
	63.60	93.60		1	30.00			0.85	0.15	3.83
	93.60	110.00		1	16.40			0.85	0.15	2.09
	RHS									
	0.00	3.60		1	3.60			0.85	0.15	0.46
	3.60	33.60		1	30.00			0.85	0.15	3.83
	33.60	38.10		1	4.50			0.85	0.15	0.57
	38.10	43.60		1	5.50			0.85	0.15	0.70
	43.60	63.60		1	20.00			0.85	0.15	2.55
	63.60	93.60		1	30.00			0.85	0.15	3.83
	93.60	110.00		1	16.40			0.85	0.15	2.09
	3rd Cross Road									
	LHS									
	0.00	26.00		1	26.00			1.00	0.15	3.90
	26.00	32.10		1	6.10			1.00	0.15	0.92
	32.10	58.20		1	26.10			1.00	0.15	3.92
	64.50	91.00		1	26.50			1.00	0.15	3.98
	RHS									
	0.00	26.00		1	26.00			0.85	0.15	3.32
	32.10	58.20		1	26.10			0.85	0.15	3.33
	64.50	91.00		1	26.50			0.85	0.15	3.38
	2nd Cross Road RHS									
	LHS									
	0.00	30.00		1	30.00			1.00	0.15	4.50
	30.00	35.50		1	5.50			1.00	0.15	0.83
	41.40	67.40		1	26.00			1.00	0.15	3.90
	RHS									
	0.00	30.00		1	30.00			1.00	0.15	4.50
	30.00	35.50		1	5.50			1.00	0.15	0.83
	41.40	67.40		1	26.00			1.00	0.15	3.90
	2nd Cross Road LHS									
	RHS									
	0.00	30.00		1	30.00			1.00	0.15	4.50

Assistant Engineer 2/1/2019.

Assistant Executive Engineer 4/1/2019

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date										
	30.00	60.00		1	30.00			1.00	0.15	4.50	
	60.00	65.00		1	5.00			1.00	0.15	0.75	
	65.00	95.70		1	30.70			1.00	0.15	4.61	
	LHS										
	0.00	30.00		1	30.00			1.00	0.15	4.50	
	30.00	60.00		1	30.00			1.00	0.15	4.50	
	60.00	65.00		1	5.00			1.00	0.15	0.75	
	Across Road			1	5.00			1.00	0.15	0.75	
	SIDE WALL										
	1st Main Road										
	LHS										
	0.00	3.60		2	3.60			0.15	0.60	0.65	
	3.60	33.60		2	30.00			0.15	0.60	5.40	
	33.60	38.10		2	4.50			0.15	0.60	0.81	
	43.60	63.60		2	20.00			0.15	0.60	3.60	
	63.60	93.60		2	30.00			0.15	0.60	5.40	
	93.60	110.00		2	16.40			0.15	0.60	2.95	
	RHS										
	0.00	3.60		2	3.60			0.15	0.60	0.65	
	3.60	33.60		2	30.00			0.15	0.60	5.40	
	33.60	38.10		2	4.50			0.15	0.60	0.81	
	38.10	43.60		2	5.50			0.15	0.60	0.99	
	43.60	63.60		2	20.00			0.15	0.60	3.60	
	63.60	93.60		2	30.00			0.15	0.60	5.40	
	93.60	110.00		2	16.40			0.15	0.60	2.95	
	3rd Cross Road										
	LHS										
	0.00	26.00		2	26.00			0.15	0.60	4.68	
	26.00	32.10		2	6.10			0.15	0.60	1.10	
	32.10	58.20		2	26.10			0.15	0.60	4.70	
	64.50	91.00		2	26.50			0.15	0.60	4.77	
	RHS										
	0.00	26.00		2	26.00			0.15	0.60	4.68	
	32.10	58.20		2	26.10			0.15	0.60	4.70	
	64.50	91.00		2	26.50			0.15	0.60	4.77	
	2nd Cross Road RHS										
	LHS										
	0.00	30.00		2	30.00			0.15	0.60	5.40	
	30.00	35.50		2	5.50			0.15	0.60	0.99	
	41.40	67.40		2	26.00			0.15	0.60	4.68	
	RHS										
	0.00	30.00		2	30.00			0.15	0.60	5.40	
	30.00	35.50		2	5.50			0.15	0.60	0.99	
	41.40	67.40		2	26.00			0.15	0.60	4.68	
	2nd Cross Road LHS										
	RHS										
	0.00	30.00		2	30.00			0.15	0.60	5.40	
	30.00	60.00		2	30.00			0.15	0.60	5.40	
	60.00	65.00		2	5.00			0.15	0.60	0.90	
	65.00	95.70		2	30.70			0.15	0.60	5.53	

Consultant

Assistant Engineer 4/1/19.

Assistant Executive Engineer
4/1/2019.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date										
	LHS										
	0.00	30.00		2	30.00			0.15	0.60	5.40	
	30.00	60.00		2	30.00			0.15	0.60	5.40	
	60.00	65.00		2	5.00			0.15	0.60	0.90	
	0.00	0.00									
	Across Road			2	5.00			0.15	0.60	0.90	
								Total		213.35	cum

Checked
4/1/19

CONSULTANTS

Assistant Engineer 4/1/19.

Assistant Executive Engineer
4/1/2019

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date	29/12/2018.								
7	KSRB - 4.9.2: Providing TMT steel Fe500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per									
							Unit weight of steel / meter			
	New Drain									
	10 mm main U bars									
	inner main bars	1	4444.0	1.82			0.617		4990.35	
	outer main bars	1	3175.0	1.92			0.617		3761.23	
	Distribution bars									
	8mm Dia bars									
	inner main bars	1	8.0	666.50			0.395		2106.14	
	outer main bars	1	7.0	666.50			0.395		1842.87	
	Chairs 8mm	1	333.0	0.30			0.395		39.46	
									12740.05	**kgs**
							Total		**12.74**	**MT**

Consultant

Assistant Engineer 29/12/2018.

Assistant Executive Engineer

29/12/2018

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date		9-01-2019.								
8	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13. (P.No.25, I.No.5.6 of PW, P&IWTD S.R 2018-19)										
	Cross Road/Culverts										
	3rd Cross Road										
	LHS										
	58.20	64.50		2	6.80			0.45	1.20	7.34	
								Total		**7.34**	**Cum**

Assistant Engineer 9/01/2019

Assistant Executive Engineer 9/1/2019

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date		11.01.2019.								
9	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, I.No.4.6 of PW,P&IWTD S.R 2018-19)									
	Coping Concrete										
	3rd Cross Road										
	LHS										
	58.20	64.50		2.00	6.80			0.45	0.10	0.61	
	Gap Concrete										
	2nd Cross Road LHS										
	RHS										
	65.00	95.70		1.00	30.70			0.20	0.10	0.61	
	Approach Concrete for Culvert										
				2.00	6.80			0.30	0.15	0.61	
								Total		**1.84**	**Cum**

Consultant

Assistant Engineer 11/01/2019

Assistant Executive Engineer 11/01/2019

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date										
10	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	1st Main Road										
	LHS										
	0.00	3.60		1	2.40			0.75		1.80	
	3.60	33.60		1	6.00			0.75		4.50	
	33.60	38.10		1	3.50			0.75		2.63	
	43.60	63.60		1	7.80			0.75		5.85	
	63.60	93.60		1	18.00			0.75		13.50	
	93.60	110.00		1	9.00			0.75		6.75	
	RHS										
	0.00	3.60		1	2.40			0.75		1.80	
	3.60	33.60		1	15.00			0.75		11.25	
	33.60	38.10		1	3.00			0.75		2.25	
	38.10	43.60		1	3.50			0.75		2.63	
	43.60	63.60		1	10.00			0.75		7.50	
	63.60	93.60		1	8.00			0.75		6.00	
	93.60	110.00		1	6.00			0.75		4.50	
	3rd Cross Road										
	LHS										
	0.00	26.00		1	15.00			0.90		13.50	
	26.00	32.10		1	4.50			0.90		4.05	
	32.10	58.20		1	18.00			0.90		16.20	
	64.50	91.00		1	22.80			0.90		20.52	
	RHS										
	0.00	26.00		1	20.00			0.75		15.00	
	32.10	58.20		1	13.20			0.75		9.90	
	64.50	91.00		1	6.00			0.75		4.50	
	2nd Cross Road RHS										
	LHS										
	0.00	30.00		1	14.40			0.90		12.96	
	30.00	35.50		1	1.80			0.90		1.62	
	41.40	67.40		1	10.00			0.90		9.00	
	RHS										
	0.00	30.00		1	19.80			0.90		17.82	
	30.00	35.50		1	4.80			0.90		4.32	
	41.40	67.40		1	16.80			0.90		15.12	
	2nd Cross Road LHS										
	RHS										
	0.00	30.00		1	14.00			0.90		12.60	
	30.00	60.00		1	15.00			0.90		13.50	
	60.00	65.00		1	1.20			0.90		1.08	
	65.00	95.70		1	31.20			0.90		28.08	
	LHS										
	0.00	30.00		1	5.00			0.90		4.50	

Consultant

Assistant Engineer 25/01/2019

Assistant Executive Engineer 25/01/2019

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date										
	30.00	60.00		1	6.60			0.90		5.94	
	60.00	65.00		1	1.85			0.90		1.66	
	Across Road			1	5.40			0.90		4.86	
								Total		**287.68**	**Sqm**

Consultant

Assistant Engineer 25/04/2019

Assistant Executive Engineer

25/04/2019

BOQ Item No	Description Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Measurement Recorded Date									
11	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)									
	Cross Road/Culverts									
	3rd Cross Road									
	LHS									
	58.20 64.50		1	6.80			1.80		12.24	
							Total		**12.24**	**Sqm`**

Assistant Engineer 25/01/2019.

Assistant Executive Engineer
25/01/2019